RASTA
Center for Road Technology

BRUHAT BANGALORE MAHANAGARA PALIKE

INSPECTION REPORT

Sl No	Item	Description
1	**Name of Work**	Improvements of roads and drains at Devinagara,Mueshwara block, Amco Layout and Kodigehalli in ward no 08 Kodigehalli Sub Division (Sl. No. 16)
2	**Estimate Cost**	Rs.50.00 lakhs
3	**Administrative Approval No and Date**	JC/YZ/AA/923/2012-13, dt:06-02-2013
4	**Technical sanction No. and Date**	SE/YZ/TS/109/2012-13, dt:21-02-2013
5	**Job Code No. and P Code No.**	008-13-000088/P-0190
6	**Tender Direct Entrested to KRIDL**	KRIDL
7	**If Tender, Tender Notification No. Date and Publication in daily news Paper**	-
8	**Tender Approved Details**	-
9	**Work Order No and Date**	No:EE/BTP/BBMP/KRIDL/WO/308/2012-13, dt:28-02-2013
10	**Stipulation time of Completion**	90 days
11	**Actual Date of Commencement**	28-02-2013

12	**Actual Date of Completion**	28-08-2013
13	**Delay if any**	Yes
14	**Reason for Delay**	Due to BWSSB work was in progress at that time
15	**Payment made till date.**	32.34 lakhs
16	**BR NO. and Date**	BR No 230/31-08-2013
17	**Status of Work**	Completed
18	**Photograph verfied**	Yes
19	**Date of Inspection**	28.05.15
20	**MB No. and Page No.**	193152
21	**Test Result**	Please Refer Anncxure -1
22	**Section officer**	Dayanand H S AE Neelakantaiah K P AEE
23	**Sub Division Officer**	Kodigehalli Sub Division
24	**Observation**	Please Refer Anncxure -2
a	**Work Quality**	Satisfactory
b	**Comments**	The field investigation revealed some streches having undulations and rutting. Also the UGD works have been done recently by BWSSB with the alignment running in the middle of the carriageway which has resulted in numerous potholes and the deterioration of the pavement.Also this being a low-lying area, the roads are getting flooded and the road condition is not satisfactory. However, this being a part bill of amount Rs.18.16 Lakhs out of the total cost of 50.00 Lakhs and since the work has been completed about 2 years back the Bill may be considered for clearance.

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Date / 18 /06 /15

Name of the work: Improvements of roads and drains at Devinagara, Mueshwara block, Amco Layout and Kodigehalli in ward no 08 Kodigehalli Sub Division (Sl. No. 16)

Client: - BBMP, Bytarayanapura

Sample: - Semi Dense Bituminous Core (Core No. 405)

Location: CP Layout; kerb side

Annexure – 1 Test Results

Check for **Semi Dense Bituminous Core**, obtained from field – Binder Content & Aggregate Gradation

Table 1

Chain age	Sieve size mm	Obtained Gradation %Passing	Desired Gradation **SDBC** Grade II % Passing	Remarks
CP Layout; kerb side	19	100	-	As the mix design has not been followed, the degradation of materials is observed.
	13.2	96.45	100	
	9.5	85.36	90-100	
	4.75	35.24	35-51	
	2.36	23.47	24-39	
	1.18	18.14	15-30	
	0.6	10.65	-	
	0.3	8.47	9-19	
	0.15	6.12	-	
	0.075	3.83	3-8	

Check for Binder Content in **SDBC** Core {Grade II} {CP Layout; kerb side} –
By Bitumen Extraction Test
Total weight of Semi Dense bituminous (Core) mix taken-500g

Table 2

Binder Content	Binder Content for SDBC Grade II as per MoRTH specification	Remarks
4.24%	Requirement Min 5.0%	Deficiency due to evaporation of volatiles and ageing

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ANNEXURE 2- INSPECTION REPORT - OBSERVATIONS

Name of the Work: Improvement of drains and asphalting to main roads and cross roads in ward no-8 kodigehalli sub division (Sl. No. 16)					
Sl No	**Item**	**Measurements and Qty as per Claims (MB & Bills)**	**Measurements and Qty as per Actuals**	**Deviation**	**% Deviation**
1	Length of stretch	193m	193m	NIL	NIL
2	Average Width,m	5	5.0m avg	NIL	NIL
3	Providing & Laying thickness of WMM of thickess	150mm	145mm	5mm	3.33%
4	Providing & Laying SDBC	25mm	23	2mm	8%

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